IN THE CLAIMS:

The status of each claim that has been introduced in the above-referenced application is identified in the ensuing listing of the claims. This listing of the claims replaces all previously submitted claims listings.

- (Currently amended) An apparatus for conditioning a polishing pad, comprising:

 a supporting substrate including a conditioning surface; and
 a plurality of abrasive elements adjacent at least saidthe conditioning surface, saidthe plurality of abrasive elements comprising a material that is degradable or dissolvable by at least one chemical that does not substantially degrade or dissolve a material of a polishing pad to be conditioned with saidthe apparatus.
- 2. (Currently amended) The apparatus of claim 1, wherein saidthe plurality of abrasive elements have a dimension of from about 25 μ m to about 500 μ m.
- 3. (Currently amended) The apparatus of claim 1, wherein saidthe plurality of abrasive elements are secured to saidthe conditioning surface.
- 4. (Currently amended) The apparatus of claim 1, wherein saidthe plurality of abrasive elements comprise abrasive particles at least partially embedded in saidthe supporting substrate.
- 5. (Currently amended) The apparatus of claim 4, wherein saidthe abrasive particles are at least partially embedded in saidthe conditioning surface.
- 6. (Currently amended) The apparatus of claim 5, further including abrasive elements that are completely embedded within saidthe supporting substrate.

- 7. (Currently amended) The apparatus of claim 4, wherein saidthe supporting substrate comprises at least one of a polymer, a metal, a ceramic, paper, a paper-like compound, a textile, a mat of material, and a mesh of material.
- 8. (Currently amended) The apparatus of claim 1, wherein at least some of saidthe plurality of abrasive elements are located beneath saidthe conditioning surface.
- 9. (Currently amended) The apparatus of claim 1, wherein saidthe supporting substrate is substantially rigid.
- 10. (Currently amended) The apparatus of claim 9, wherein said the supporting substrate comprises at least one of a polymer, a metal, and a ceramic.
- 11. (Currently amended) The apparatus of claim 1, wherein saidthe supporting substrate is pliable.
- 12. (Currently amended) The apparatus of claim 11, wherein saidthe supporting substrate comprises at least one of paper, a paper-like compound, textile, a mat of material, and a mesh of material.
- 13. (Currently amended) The apparatus of claim 1, wherein saidthe supporting substrate is secured to a rigid support.
- 14. (Currently amended) The apparatus of claim 1, wherein saidthe plurality of abrasive elements comprise filaments.

- 15. (Currently amended) The apparatus of claim 1, wherein saidthe plurality of abrasive elements protrude from and are continuous with saidthe conditioning surface.
- 16. (Currently amended) The apparatus of claim 1, wherein saidthe plurality of abrasive elements and saidthe supporting substrate comprise the same material.
- 17. (Currently amended) The apparatus of claim 15, wherein saidthe plurality of abrasive elements and at least saidthe conditioning surface of saidthe supporting substrate comprise saidthe material that is degradable or dissolvable by at least one chemical that does not substantially degrade or dissolve a material of a polishing pad to be conditioned with saidthe apparatus.
- 18. (Currently amended) The apparatus of claim 17, wherein saidthe material that is degradable or dissolvable by at least one chemical that does not substantially degrade or dissolve a material of a polishing pad to be conditioned comprises at least one of silicon dioxide, iron, an iron alloy, copper, nickel, and tungsten.
- 19. (Currently amended) The apparatus of claim 1, wherein saidthe at least one chemical comprises at least one of hydrofluoric acid, sodium hydroxide, potassium hydroxide, and hydrochloric acid.

- 20. (Currently amended) A method for conditioning a polishing pad, comprising: providing a polishing pad including a polishing surface;
- abrading at least a portion of saidthe polishing surface with a conditioner including an abrasive material that is etchable selectively with respect to a material of saidthe polishing pad; and
- exposing at least saidthe portion of saidthe polishing surface to at least one chemical to remove particles of saidthe abrasive material from at least saidthe portion without substantially degrading or dissolving saidthe material of saidthe polishing pad.
- 21. (Currently amended) The method of claim 20, wherein said abrading comprises abrading at least saidthe portion of saidthe polishing surface with saidthe conditioner comprising an abrasive material including silicon dioxide.
- 22. (Currently amended) The method of claim 21, wherein said abrading comprises abrading at least saidthe portion of saidthe polishing surface with saidthe abrasive material being in the form of at least one of a particle and a structure protruding from a conditioning surface of saidthe conditioner.
- 23. (Currently amended) The method of claim 21, wherein said exposing comprises exposing at least saidthe portion of saidthe polishing surface to at least one chemical comprising at least one of hydrofluoric acid, sodium hydroxide, and potassium hydroxide.
- 24. (Currently amended) The method of claim 20, wherein said abrading comprises abrading at least saidthe portion of saidthe polishing surface with saidthe conditioner comprising an abrasive material including at least one of iron, an iron alloy, copper, nickel, and tungsten.
- 25. (Currently amended) The method of claim 24, wherein said abrading comprises abrading at least saidthe portion of saidthe polishing surface with saidthe abrasive material being

in the form of at least one of a filament, a particle, and a structure protruding from a conditioning surface of saidthe conditioner.

- 26. (Currently amended) The method of claim 24, wherein said exposing comprises exposing at least saidthe portion of saidthe polishing surface to at least one chemical comprising hydrochloric acid.
- 27. (Currently amended) The method of claim 20, further comprising wearing away a conditioning surface of saidthe conditioner to expose abrasive material.
- 28. (Currently amended) The method of claim 27, wherein said wearing away is effected by contact of abrasive material that is released from saidthe conditioner.
- 29. (Currently amended) The method of claim 20, wherein said abrading is effected separate from polishing equipment.
- 30. (Currently amended) The method of claim 20, further comprising sonicating at least saidthe at least one chemical as saidthe polishing pad is exposed to saidthe at least one chemical.

- 31. (Currently amended) A system for conditioning a polishing pad, comprising: a polishing pad support; a conditioner including:
 - a supporting substrate including a conditioning surface; and
 - a plurality of abrasive elements adjacent saidthe conditioning surface, saidthe plurality of abrasive elements comprising a material that is degradable or dissolvable by at least one chemical that does not substantially degrade or dissolve a material of a polishing pad to be conditioned with saidthe plurality of abrasive elements,
 - saidthe conditioner being positionable over saidthe polishing pad support so as to place

 saidthe conditioning surface in contact with a polishing pad disposed on saidthe

 polishing pad support; and
- at least one movement component configured to move at least one of saidthe polishing pad support and saidthe conditioner laterally relative to the other of saidthe polishing pad support and saidthe conditioner.
- 32. (Currently amended) The system of claim 31, wherein saidthe at least one movement component is configured to rotate one of saidthe polishing pad support and saidthe conditioner.
- 33. (Currently amended) The system of claim 31, wherein saidthe at least one movement component is configured to laterally vibrate one of saidthe polishing pad support and saidthe conditioner.
- 34. (Currently amended) The system of claim 31, wherein saidthe at least one movement component is configured to move one of saidthe polishing pad support and saidthe conditioner substantially linearly relative to the other of saidthe polishing pad support and saidthe conditioner.

- 35. (Currently amended) The system of claim 31, wherein saidthe plurality of abrasive elements of saidthe conditioner have a dimension of from about 25 μm to about 500 μm.
- 36. (Currently amended) The system of claim 31, wherein saidthe plurality of abrasive elements of saidthe conditioner are secured to saidthe conditioning surface thereof.
- 37. (Currently amended) The system of claim 31, wherein saidthe plurality of abrasive elements of saidthe conditioner comprise abrasive particles at least partially embedded within saidthe supporting substrate of saidthe conditioner.
- 38. (Currently amended) The system of claim 37, wherein saidthe abrasive particles are at least partially embedded in saidthe conditioning surface.
- 39. (Currently amended) The system of claim 38, further including abrasive particles that are completely embedded within saidthe supporting substrate.
- 40. (Currently amended) The system of claim 37, wherein saidthe supporting substrate of saidthe conditioner comprises at least one of a polymer, a metal, a ceramic, paper, a paper-like compound, and a fabric.
- 41. (Currently amended) The system of claim 31, wherein <u>saidthe</u> plurality of abrasive elements of <u>saidthe</u> conditioner are located beneath <u>saidthe</u> conditioning surface thereof.
- 42. (Currently amended) The system of claim 31, wherein saidthe supporting substrate of saidthe conditioner is substantially rigid.
- 43. (Currently amended) The system of claim 42, wherein saidthe supporting substrate of saidthe conditioner comprises at least one of a polymer, a metal, and a ceramic.

- 44. (Currently amended) The system of claim 31, wherein saidthe supporting substrate of saidthe conditioner is pliable.
- 45. (Currently amended) The system of claim 44, wherein saidthe supporting substrate comprises at least one of paper, a paper-like compound, and fabric.
- 46. (Currently amended) The system of claim 31, wherein saidthe plurality of abrasive elements of saidthe conditioner comprise filaments.
- 47. (Currently amended) The system of claim 31, wherein saidthe plurality of abrasive elements of saidthe conditioner protrude from and are continuous with saidthe conditioning surface thereof.
- 48. (Currently amended) The system of claim 31, wherein saidthe plurality of abrasive elements and saidthe supporting substrate of saidthe conditioner comprise the same material.
- 49. (Currently amended) The system of claim 47, wherein saidthe plurality of abrasive elements of saidthe conditioner and at least saidthe conditioning surface of saidthe supporting substrate of saidthe conditioner comprise saidthe material that is degradable or dissolvable by at least one chemical that does not substantially degrade or dissolve a material of a polishing pad to be conditioned with saidthe apparatus.
- 50. (Currently amended) The apparatus of claim 49, wherein saidthe material that is degradable or dissolvable by at least one chemical that does not substantially degrade or dissolve a material of a polishing pad to be conditioned comprises at least one of silicon dioxide, iron, an iron alloy, copper, nickel, and tungsten.

51. (Currently amended) The apparatus of claim 31, wherein saidthe at least one chemical comprises at least one of hydrofluoric acid, sodium hydroxide, potassium hydroxide, and hydrochloric acid.

52-65 (Canceled)